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Appl. No. 08/932,784
Supplemental Reply Filed: 06 November 2006

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AMENDMENTS TO THE CLAIMS

Please amend claims 1, 9 and 23, each of which is independent, and add new claims 45-62, of which claims 45 and 46 are independent. This listing of claims is intended to replace all previous listings or versions of claims.

1. (Currently Amended) A digital motion picture recorder, comprising:
 - a housing sized to be portable for use by an individual;
 - a motion picture camera mounted in the housing, and providing a motion video signal as an output;
 - means, mounted in the housing, for converting the motion video signal into a sequence of digital still images;
 - a digital, computer-readable and writable random-access medium mounted in the housing and connected to receive and store the sequence of digital still images in a computer-readable file format;
 - a motion picture editing system within the housing for enabling the individual to specify a sequence of segments of the sequence of digital still images stored on the digital, computer-readable and writable random-access medium, wherein each segment is defined by a reference to a data file storing a selected sequence of digital still images and by points designated in the selected sequence of digital still images, wherein the points may be designated at any digital still image; and
 - means for reading at least a portion of the sequence of digital still images stored on the digital, computer-readable and writable random-access medium to generate a motion video signal therefrom, according to the specified sequence of segments.
- 2-8. cancelled
9. (Currently Amended) An apparatus for digitally recording motion pictures, comprising:
 - a housing sized to be portable for use by an individual;
 - a motion picture camera mounted in the housing;
 - means, mounted in the housing, for providing a sequence of digital still images from the motion picture camera;

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a digital computer-readable and writable random-access medium mounted in the housing and connected to receive and store the sequence of digital still images in a computer-readable file format; and

a processor mounted in the housing and executing computer program instructions comprising instructions which instruct the processor to, in response to user input:

receive and store the sequence of digital still images from the motion picture camera into the digital computer-readable and writable random-access medium in the computer-readable file format,

enable the individual to define a sequence of segments of at least the sequences of digital still images stored on the digital computer-readable and writable random-access medium, wherein each segment is defined by a reference to a data file storing a selected sequence of digital still images and by points designated in the selected sequence of digital still images, wherein the points may be designated at any digital still image, and

read and output at least a portion of the sequence of digital still images from the digital computer-readable and writable random-access medium according to the defined sequence of segments.

10-22. cancelled.

23. (Currently Amended) An apparatus for digitally recording motion pictures, comprising:

- a housing sized to be portable for use by an individual;
- a motion picture camera mounted in the housing;
- means, mounted in the housing, for providing a sequence of digital still images from the motion picture camera;
- a digital computer-readable and writable random-access medium mounted in the housing and connected to receive and store the sequence of digital still images in a computer-readable file format; and
- an editing system, mounted in the housing, for enabling the individual to define a sequence of segments of at least the sequences of digital still images stored on the digital computer-readable and writable random-access medium, wherein each segment is defined

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by a reference to a data file storing a selected sequence of digital still images and by points designated in the selected sequence of digital still images, wherein the points may be designated at any digital still image, and for reading and outputting at least a portion of the sequence of digital still images from the digital computer-readable and writable random-access medium according to the defined sequence of segments.

24-44. cancelled.

45. (New) A digital motion picture recorder, comprising:

- a housing sized to be portable for use by an individual;
- a motion picture camera mounted in the housing, and providing a motion video signal as an output;
- means, mounted in the housing, for converting the motion video signal into sequences of digital still images;
- a digital, computer-readable and writable random-access medium mounted in the housing and connected to receive and store the sequences of digital still images in a computer-readable file format;
- a motion picture editing system within the housing for enabling the individual to specify a sequence of segments of the sequences of digital still images stored on the digital, computer-readable and writable random-access medium, wherein each segment is defined by a reference to a data file storing a selected sequence of digital still images and by points designated in the selected sequence of digital still images, wherein the points may be designated at any digital still image; and
- means for reading at least a portion of the sequence of digital still images stored on the digital, computer-readable and writable random-access medium to generate a motion video signal therefrom, according to the specified sequence of segments.

46. (New) A digital motion picture recorder, comprising:

- a housing sized to be portable for use by an individual;
- a motion picture camera mounted in the housing, and providing a motion video signal as an output;

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means, mounted in the housing, for converting the motion video signal into at least one sequence of digital still images;

a digital, computer-readable and writable random-access medium mounted in the housing and connected to receive and store the at least one sequence of digital still images in a computer-readable file format;

a motion picture editing system within the housing for enabling the individual to specify a sequence of segments of the at least one sequence of digital still images stored on the digital, computer-readable and writable random-access medium;

wherein each segment is defined by a reference to a data file storing a selected sequence of digital still images and by points designated in the selected sequence of digital still images, wherein the points may be designated at any digital still image; and

means for reading at least a portion of the sequence of digital still images stored on the digital, computer-readable and writable random-access medium to generate a motion video signal therefrom, according to the specified sequence of segments.

47. (New) The apparatus of claim 9, further comprising a display and editing controls on the housing to edit and display the sequence of digital still images.
48. (New) The apparatus of claim 47, wherein the display and editing controls comprise:
 - a display for displaying functions available to be selected by a user; and
 - an input mechanism associated with the displayed indications of functions enabling a user to select the associated function.
49. (New) The apparatus of claim 9, wherein the computer-readable and writable random-access medium comprises a disk-type drive mounted in a container detachable from the housing.
50. (New) The apparatus of claim 9, wherein the computer instructions further comprise instructions which instruct the processor to calibrate color in the sequence of digital still images to a standard.

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51. (New) The apparatus of claim 9, further comprising:
 - an overlay circuit for receiving an indication of data including at least one of a battery level, time codes, time of day and function performed, and generating video data indicative of the data; and
 - an encoder for receiving the sequence of digital still images and the video data to generate a video signal combining the video data with the sequence of digital still images.
52. (New) The apparatus of claim 9, wherein the reading and outputting of at least a portion of the sequence of digital still images from the digital computer-readable and writable random-access medium according to the defined sequence of segments further comprises directing the portion of the sequence of digital still images to a full video encoder.
53. (New) The apparatus of claim 23, further comprising a display and editing controls on the housing to edit and display the sequence of digital still images.
54. (New) The apparatus of claim 53, wherein the display and editing controls comprise:
 - a display for displaying functions available to be selected by a user; and
 - an input mechanism associated with the displayed indications of functions enabling a user to select the associated function.
55. (New) The apparatus of claim 23, wherein the computer-readable and writable random-access medium comprises a disk-type drive mounted in a container detachable from the housing.
56. (New) The apparatus of claim 23, further comprising means for calibrating color in the sequence of digital still images to a standard.
57. (New) The apparatus of claim 23, further comprising:
 - an overlay circuit for receiving an indication of data including at least one of a battery level, time codes, time of day and function performed; and generating video data indicative of the data; and

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an encoder for receiving the sequence of digital still images and the video data to generate a video signal combining the video data with the sequence of digital still images.

58. (New) The apparatus of claim 23, wherein the reading and outputting of at least a portion of the sequence of digital still images from the digital computer-readable and writable random-access medium according to the defined sequence of segments further comprises directing the portion of the sequence of digital still images to a full video encoder.
59. (New) The digital motion picture recorder of claim 1, further comprising a display and editing controls on the housing to edit and display the sequence of digital still images.
60. (New) The digital motion picture recorder of claim 59, wherein the display and editing controls comprise:
a display for displaying functions available to be selected by a user; and
an input mechanism associated with the displayed indications of functions enabling a user to select the associated function.
61. (New) The digital motion picture recorder of claim 1, wherein the computer-readable and writable random-access medium comprises a disk-type drive mounted in a container detachable from the housing.
62. (New) The digital motion picture recorder of claim 1, further comprising means for calibrating the motion picture signal to a digital video color standard.